Eslam B Elkaeed

List of Publications by Year
in descending order

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76	2,026	257450	289244
papers	citations	24 h-index	40 g-index

77	77	77	806
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Molecular Docking and Dynamics Simulation Revealed the Potential Inhibitory Activity of ACEIs Against SARS-CoV-2 Targeting the hACE2 Receptor. Frontiers in Chemistry, 2021, 9, 661230.	3.6	122
2	Recent advancements of coumarin-based anticancer agents: An up-to-date review. Bioorganic Chemistry, 2020, 103, 104163.	4.1	121
3	Design, synthesis and anticancer evaluation of thieno[2,3-d]pyrimidine derivatives as dual EGFR/HER2 inhibitors and apoptosis inducers. Bioorganic Chemistry, 2019, 88, 102944.	4.1	119
4	New benzoxazole derivatives as potential VEGFR-2 inhibitors and apoptosis inducers: design, synthesis, anti-proliferative evaluation, flowcytometric analysis, and in silico studies. Journal of Enzyme Inhibition and Medicinal Chemistry, 2022, 37, 403-416.	5.2	101
5	Discovery of thieno[2,3-d]pyrimidine-based derivatives as potent VEGFR-2 kinase inhibitors and anti-cancer agents. Bioorganic Chemistry, 2021, 112, 104947.	4.1	74
6	Comprehensive Virtual Screening of the Antiviral Potentialities of Marine Polycyclic Guanidine Alkaloids against SARS-CoV-2 (COVID-19). Biomolecules, 2021, 11, 460.	4.0	65
7	Design and synthesis of thiazolidine-2,4-diones hybrids with 1,2-dihydroquinolones and 2-oxindoles as potential VEGFR-2 inhibitors: in-vitro anticancer evaluation and in-silico studies. Journal of Enzyme Inhibition and Medicinal Chemistry, 2022, 37, 1903-1917.	5.2	64
8	Computational Insights on the Potential of Some NSAIDs for Treating COVID-19: Priority Set and Lead Optimization. Molecules, 2021, 26, 3772.	3.8	57
9	Design and discovery of new 1,2,4â€triazolo[4,3â€c]quinazolines as potential DNA intercalators and topoisomerase II inhibitors. Archiv Der Pharmazie, 2021, 354, e2000237.	4.1	51
10	In Silico Prediction of a Multitope Vaccine against Moraxella catarrhalis: Reverse Vaccinology and Immunoinformatics. Vaccines, 2021, 9, 669.	4.4	51
11	Design, synthesis, and SAR studies of novel 4-methoxyphenyl pyrazole and pyrimidine derivatives as potential dual tyrosine kinase inhibitors targeting both EGFR and VEGFR-2. Bioorganic Chemistry, 2022, 123, 105770.	4.1	48
12	Discovery of new quinolines as potent colchicine binding site inhibitors: design, synthesis, docking studies, and anti-proliferative evaluation. Journal of Enzyme Inhibition and Medicinal Chemistry, 2021, 36, 640-658.	5.2	47
13	Topo II inhibition and DNA intercalation by new phthalazine-based derivatives as potent anticancer agents: design, synthesis, anti-proliferative, docking, and inÂvivo studies. Journal of Enzyme Inhibition and Medicinal Chemistry, 2022, 37, 299-314.	5.2	47
14	In Silico Studies of Some Isoflavonoids as Potential Candidates against COVID-19 Targeting Human ACE2 (hACE2) and Viral Main Protease (Mpro). Molecules, 2021, 26, 2806.	3.8	46
15	In Silico Exploration of Potential Natural Inhibitors against SARS-Cov-2 nsp10. Molecules, 2021, 26, 6151.	3.8	45
16	Multi-Step In Silico Discovery of Natural Drugs against COVID-19 Targeting Main Protease. International Journal of Molecular Sciences, 2022, 23, 6912.	4.1	43
17	The Assessment of Anticancer and VEGFR-2 Inhibitory Activities of a New 1H-Indole Derivative: In Silico and In Vitro Approaches. Processes, 2022, 10, 1391.	2.8	36
18	In Silico Screening of Semi-Synthesized Compounds as Potential Inhibitors for SARS-CoV-2 Papain-like Protease: Pharmacophoric Features, Molecular Docking, ADMET, Toxicity and DFT Studies. Molecules, 2021, 26, 6593.	3.8	35

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19	Ligand and Structure-Based In Silico Determination of the Most Promising SARS-CoV-2 nsp16-nsp10 2â€²-o-Methyltransferase Complex Inhibitors among 3009 FDA Approved Drugs. Molecules, 2022, 27, 2287.	3.8	34
20	1,3,4-Oxadiazole-naphthalene hybrids as potential VEGFR-2 inhibitors: design, synthesis, antiproliferative activity, apoptotic effect, and in silico studies. Journal of Enzyme Inhibition and Medicinal Chemistry, 2022, 37, 386-402.	5.2	32
21	Development of novel isatinâ€“nicotinohydrazide hybrids with potent activity against susceptible/resistantMycobacterium tuberculosisand bronchitis causingâ€“bacteria. Journal of Enzyme Inhibition and Medicinal Chemistry, 2021, 36, 384-392.	5.2	30
22	A Systematic Review of the Global Intervention for SARS-CoV-2 Combating: From Drugs Repurposing to Molnupiravir Approval. Drug Design, Development and Therapy, 2022, Volume 16, 685-715.	4.3	30
23	Multi-Phase In Silico Discovery of Potential SARS-CoV-2 RNA-Dependent RNA Polymerase Inhibitors among 3009 Clinical and FDA-Approved Related Drugs. Processes, 2022, 10, 530.	2.8	29
24	Investigating the Drinking Water Quality and Associated Health Risks in Metropolis Area of Pakistan. Frontiers in Materials, 2022, 9, .	2.4	29
25	Discovery of new nicotinamides as apoptotic VEGFR-2 inhibitors: virtual screening, synthesis, anti-proliferative, immunomodulatory, ADMET, toxicity, and molecular dynamic simulation studies. Journal of Enzyme Inhibition and Medicinal Chemistry, 2022, 37, 1389-1403.	5.2	28
26	Eco-friendly sequential one-pot synthesis, molecular docking, and anticancer evaluation of arylidene-hydrazinyl-thiazole derivatives as CDK2 inhibitors. Bioorganic Chemistry, 2021, 108, 104615.	4.1	27
27	Isolation and In Silico Anti-SARS-CoV-2 Papain-Like Protease Potentialities of Two Rare 2-Phenoxychromone Derivatives from Artemisia spp.. Molecules, 2022, 27, 1216.	3.8	27
28	Identification of N-phenyl-2-(phenylsulfonyl)acetamides/propanamides as new SLC-0111 analogues: Synthesis and evaluation of the carbonic anhydrase inhibitory activities. European Journal of Medicinal Chemistry, 2021, 218, 113360.	5.5	24
29	In Vitro and In Silico Cytotoxic and Antibacterial Activities of a Diterpene from Cousinia alata Schrenk. Journal of Chemistry, 2021, 2021, 1-11.	1.9	23
30	Synthesis, biological evaluation, and molecular docking of new series of antitumor and apoptosis inducers designed as VEGFR-2 inhibitors. Journal of Enzyme Inhibition and Medicinal Chemistry, 2022, 37, 573-591.	5.2	23
31	Jusanin, a New Flavonoid from Artemisia commutata with an In Silico Inhibitory Potential against the SARS-CoV-2 Main Protease. Molecules, 2022, 27, 1636.	3.8	23
32	Isolation and In Silico Anti-COVID-19 Main Protease (Mpro) Activities of Flavonoids and a Sesquiterpene Lactone from Artemisia sublessingiana. Journal of Chemistry, 2021, 2021, 1-8.	1.9	22
33	Biogenic plant mediated synthesis of monometallic zinc and bimetallic Copper/Zinc nanoparticles and their dye adsorption and antioxidant studies. Inorganic Chemistry Communication, 2022, 140, 109449.	3.9	22
34	Development of 3-methyl/3-(morpholinomethyl)benzofuran derivatives as novel antitumor agents towards non-small cell lung cancer cells. Journal of Enzyme Inhibition and Medicinal Chemistry, 2021, 36, 987-999.	5.2	21
35	Type Iâ€“IV Halogenâ‹¯Halogen Interactions: A Comparative Theoretical Study in Halobenzeneâ‹¯Halobenzene Homodimers. International Journal of Molecular Sciences, 2022, 23, 3114.	4.1	21
36	Tolmetin Sodium Fast Dissolving Tablets for Rheumatoid Arthritis Treatment: Preparation and Optimization Using Box-Behnken Design and Response Surface Methodology. Pharmaceutics, 2022, 14, 880.	4.5	20

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37	One-Pot Synthesis of Aza-Diketopiperazines Enabled by Controlled Reactivity of N-Isocyanate Precursors. Organic Letters, 2015, 17, 4898-4901.	4.6	19
38	Expression, Purification, and Comparative Inhibition of Helicobacter pylori Urease by Regio-Selectively Alkylated Benzimidazole 2-Thione Derivatives. Molecules, 2022, 27, 865.	3.8	18
39	Synthesis, biological evaluation, and in silico studies of new CDK2 inhibitors based on pyrazolo[3,4-d]pyrimidine and pyrazolo[4,3-e][1,2,4]triazolo[1,5-c]pyrimidine scaffold with apoptotic activity. Journal of Enzyme Inhibition and Medicinal Chemistry, 2022, 37, 1957-1973.	5.2	17
40	Isolation, Crystal Structure, and In Silico Aromatase Inhibition Activity of Ergosta-5, 22-dien-3Î²-ol from the Fungus Gyromitra esculenta. Journal of Chemistry, 2021, 2021, 1-10.	1.9	16
41	New Series of VEGFR-2 Inhibitors and Apoptosis Enhancers: Design, Synthesis and Biological Evaluation. Drug Design, Development and Therapy, 2022, Volume 16, 587-607.	4.3	16
42	Isolation and In Silico SARS-CoV-2 Main Protease Inhibition Potential of Jusan Coumarin, a New Dicoumarin from Artemisia glauca. Molecules, 2022, 27, 2281.	3.8	16
43	Development of 4-((3-oxo-3-phenylpropyl)amino)benzenesulfonamide derivatives utilizing tail/dual-tail approaches as novel carbonic anhydrase inhibitors. European Journal of Medicinal Chemistry, 2022, 238, 114412.	5.5	16
44	Design, synthesis, and anti-cancer evaluation of new pyrido[2,3-d]pyrimidin-4(3H)-one derivatives as potential EGFRWT and EGFRT790M inhibitors and apoptosis inducers. Journal of Enzyme Inhibition and Medicinal Chemistry, 2022, 37, 1053-1076.	5.2	16
45	Synthesis and Molecular Docking of Some Grossgemin Amino Derivatives as Tubulin Inhibitors Targeting Colchicine Binding Site. Journal of Chemistry, 2021, 2021, 1-10.	1.9	15
46	Multi-stage structure-based virtual screening approach towards identification of potential SARS-CoV-2 NSP13 helicase inhibitorsÂ. Journal of Enzyme Inhibition and Medicinal Chemistry, 2022, 37, 563-572.	5.2	15
47	2-Arylquinolines as novel anticancer agents with dual EGFR/FAK kinase inhibitory activity: synthesis, biological evaluation, and molecular modelling insights. Journal of Enzyme Inhibition and Medicinal Chemistry, 2022, 37, 355-378.	5.2	15
48	Identification of 3-(piperazinylmethyl)benzofuran derivatives as novel type II CDK2 inhibitors: design, synthesis, biological evaluation, and in silico insights. Journal of Enzyme Inhibition and Medicinal Chemistry, 2022, 37, 1227-1240.	5.2	15
49	Olive Leaves as a Potential Phytotherapy in the Treatment of COVID-19 Disease; A Mini-Review. Frontiers in Pharmacology, 2022, 13, 879118.	3.5	15
50	Synthesis of Indazolones via Friedelâ€“Crafts Cyclization of Blocked (Masked) N-Isocyanates. Journal of Organic Chemistry, 2017, 82, 9890-9897.	3.2	14
51	Comprehensive In Silico Screening of the Antiviral Potentialities of a New Humulene Glucoside from Asteriscus hierochunticus against SARS-CoV-2. Journal of Chemistry, 2021, 2021, 1-14.	1.9	13
52	Development of potent nanosized isatin-isonicotinohydrazide hybrid for management of Mycobacterium tuberculosis. International Journal of Pharmaceutics, 2022, 612, 121369.	5.2	13
53	Novel 2-(5-Aryl-4,5-Dihydropyrazol-1-yl)thiazol-4-One as EGFR Inhibitors: Synthesis, Biological Assessment and Molecular Docking Insights. Drug Design, Development and Therapy, 0, Volume 16, 1457-1471.	4.3	13
54	Optoelectronic, structural and morphological analysis of Cu3BiS3 sulfosalt thin films. Results in Physics, 2022, 36, 105453.	4.1	12

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55	Exploring Natural Product Activity and Species Source Candidates for Hunting ABCB1 Transporter Inhibitors: An In Silico Drug Discovery Study. Molecules, 2022, 27, 3104.	3.8	12
56	Design, synthesis and docking studies of new hydrazinyl-thiazole derivatives as anticancer and antimicrobial agents. Journal of Saudi Chemical Society, 2022, 26, 101488.	5.2	11
57	Design, Synthesis, In Silico and In Vitro Studies of New Immunomodulatory Anticancer Nicotinamide Derivatives Targeting VEGFR-2. Molecules, 2022, 27, 4079.	3.8	10
58	Fabrication of Guided Tissue Regeneration Membrane Using Lignin-Mediated ZnO Nanoparticles in Biopolymer Matrix for Antimicrobial Activity. Frontiers in Chemistry, 2022, 10, 837858.	3.6	9
59	Biological Effect of Quercetin in Repairing Brain Damage and Cerebral Changes in Rats: Molecular Docking and In Vivo Studies. BioMed Research International, 2022, 2022, 1-12.	1.9	9
60	Borophene and Pristine Graphene 2D Sheets as Potential Surfaces for the Adsorption of Electron-Rich and Electron-Deficient Ï€-Systems: A Comparative DFT Study. Nanomaterials, 2022, 12, 1028.	4.1	7
61	Quantification of multi-class pesticides in stomach contents and milk by gas chromatographyâ€“mass spectrometry with liquid extraction method. Arabian Journal of Chemistry, 2022, 15, 103937.	4.9	7
62	Design, synthesis, docking study and anticancer evaluation of new trimethoxyphenyl pyridine derivatives as tubulin inhibitors and apoptosis inducers. RSC Advances, 2021, 11, 39728-39741.	3.6	6
63	Fabrication of Poly(o-Chloroaniline) to MMT Clay as Potential Flame-Resistant Material. Frontiers in Materials, 2022, 9, .	2.4	6
64	Simplified Route for Deposition of Binary and Ternary Bismuth Sulphide Thin Films for Solar Cell Applications. Sustainability, 2022, 14, 4603.	3.2	6
65	Combined In Silico and Experimental Investigations of Resveratrol Encapsulation by Beta-Cyclodextrin. Plants, 2022, 11, 1678.	3.5	6
66	Recent Advancements in the Development of Anti-Breast Cancer Synthetic Small Molecules. Molecules, 2021, 26, 7611.	3.8	5
67	Interactions between amino acids and a cationic surfactant in binary solvent system. Colloids and Interface Science Communications, 2022, 48, 100623.	4.1	5
68	CuO-GO-Ag; Green Synthesis With Fagonia Arabica and Biomedical Potential is a Bioinspired Nano Theranostics Composite. Frontiers in Materials, 2022, 9, .	2.4	4
69	External Electric Field Effect on the Strength of Ïƒ-Hole Interactions: A Theoretical Perspective in Likeâ€Like Carbon-Containing Complexes. Molecules, 2022, 27, 2963.	3.8	4
70	Antileishmanial Derivatives of Humulene from Asteriscus hierochunticus with in silico Tubulin Inhibition Potential. Records of Natural Products, 0, , 150-171.	1.3	3
71	DESIGN, SYNTHESIS, MOLECULAR DOCKING AND ANTI-PROLIFERATIVE EVALUATION OF NOVEL PYRAZOLO[4,3-E][1,2,4]TRIAZOLO[4,3-C]PYRIMIDINE DERIVATIVES AS POTENTIAL DNA INTERCALATORS AND TOPOISOMERASE II INHIBITORS. Al-Azhar Journal of Pharmaceutical Sciences, 2020, 61, 12-28.	0.3	2
72	The Inhibitory Potential of 2â€²-dihalo Ribonucleotides against HCV: Molecular Docking, Molecular Simulations, MM-BPSA, and DFT Studies. Molecules, 2022, 27, 4530.	3.8	2

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73	A Potential Role of Ethosuximide and Pentoxifylline in Relieving Abdominal Pain in Irritable Bowel Syndrome Patients Treated with Mebeverine: A Randomized, Double-Blind, Placebo-Controlled Trial. Journal of Inflammation Research, 2022, Volume 15, 1159-1172.	3.5	1
74	A Potential Role of Ethosuximide and Pentoxifylline in Relieving Abdominal Pain in Irritable Bowel Syndrome Patients Treated with Mebeverine: A Randomized, Double-Blind, Placebo-Controlled Trial [Retraction]. Journal of Inflammation Research, 2022, Volume 15, 2381-2382.	3.5	0
75	Spirulina therapeutic potentiality in polycystic ovarian syndrome management using DHEA-induced rat model.. European Review for Medical and Pharmacological Sciences, 2022, 26, 2740-2754.	0.7	0
76	Antimicrobial Activities Along With Spectrophotometric Assessment of Stability Constants of Copper (II) and Cobalt (II) With 1,2-Bis(2,5-dimethoxybenzylidene) Hydrazine. International Journal of Analytical Chemistry, 2022, 2022, 1-9.	1.0	0